



Name: \_\_\_\_\_

Class: \_\_\_\_\_ Date: \_\_\_\_\_

# Inspired by Nature

*An activity of "Learning from Nature to build better"*

Biomimicry is literally about mimicking the biological world. To find out more, read **"Learning from nature to build better"** (page 20–21, *What's Up* March 2023). Would you like to try your hand at it?

1) Watch the following video on how biomimicry is used in innovations.

**The world is poorly designed. But copying nature helps**

➤ <https://youtu.be/iMtXqTmfta0> (Vox, 9 November 2017)

Based on the article and video, which is your favourite example of biomimicry? Share your reasons.

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2) Sit somewhere where you can quietly observe plants and animals. It could be at a park, beach, or a hawker centre during off-peak hours. Focus on one plant or animal. Sketch and make notes of your observations. Capture as many details as possible.

3) Respond to these prompts. How do you think this plant/animal survives in its environment? What unique adaptations does it have?

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d) How would you use the features of this plant/animal in a product you want to design?

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e) Create a sketch of your product design. Label the unique features you are incorporating from your observations of the plant or animal.

Here are a couple of examples for inspiration.

Chairs inspired by butterfly wings	Tape dispenser inspired by a chameleon
 <p>IMAGE: redd.it</p>	 <p>IMAGE: media-amazon.com</p>